### **CORRIGENDUM**

In the light of pre-bid meeting held on 04.08.2015 with prospective bidders, JREDA has decided to make following amendment in the NIB No. 04/JREDA/SPV/SWPS-1400/2015-16.

Section/	Original Criteria				Read as/ Amendment				
Annexure									
Section-1	Page no. 4 of the NIB-List of Important dates & details								
	of bids:								
		Period of downloading	Start date: 29.07.2015	Time: 11.00 AM			Period of downloading	Start date: 29.07.2015	Time: 11.00 AM
	11	of bidding documents	End date: 17.08.2015	Time: 05.00 PM		11	of bidding documents	End date: 19.08.2015	Time: 05.00 PM
		Bid online submission	Start date: 05.08.2015	Time: 11.00 AM			Bid online submission	Start date: 05.08.2015	Time: 11.00 AM
	12		End date: 17.08.2015	Time: 05.00 PM	1	12		End date: 19.08.2015	Time: 05.00 PM
	13	Technical bid opening date	Date. 19.08.2015	Time: 03.30 PM		13	Technical bid opening date	Date. 21.08.2015	Time: 03.30 PM
	subm PM. I	nitted between al	e and Earnest Money Deposit I working days from 17.08.20 EMD are not received before cepted.	15 to 18.08.2015 by 5.00	m 2	nust 0.08	be submitted .2015 by 5.00	ee and Earnest Money Dep between all working day PM. If tender fee and E ate and time, tender shall n	s from 19.08.2015 to EMD are not received
Section-2	<b>10 (</b> Scann	ed Copies of the ded after convert i. Annexui ii. Annexui iv. Annexui v. Annexui vi. Annexui vii. Annexui vii. Annexui viii. Annexui viii. Annexui supplied ix. Annexui ix. Annexui	years. Attach copy o completion certificate. re-8: Technical details & make	closed formats should be idding firm.  r.  rney for signing of bid.  n of SPV Items/systems in tion/PSU in the last seven for orders & satisfactory e of the Equipments to be	u		led after convert  i. Annexu ii. Annexu iii. Annexu iv. Annexu v. Annexu vi. Annexu vii. Annexu vii. Annexu vii. Annexu	seven years. Attach copy completion certificate. re-8: Technical details. re-10: Bank Guarantee Formal re-14: Information on Bid Ca bids have been submit	idding firm. r. rney for signing of bid. n of SPV Items/systems nization/PSU in the last y of orders & satisfactory

Section-3	Page no. 7 of the NIB-Notice Inviting Bid, Clause no. 2:  The bidder should be a functional organization. To substantiate this claim, the bidder should submit the copy of balance sheet for last 3 years or from the date of establishment to 31.03.2015, whichever is applicable. These balance sheets should be duly certified by the Statutory Auditor with his stamp.	The bidder should be a functional organization. To substantiate this claim, the bidder should submit the copy of audited balance sheet with profit & loss account for last 3 years or from the date of establishment to 31.03.2015, whichever is applicable. These audited balance sheets should be duly certified by the Statutory Auditor with his stamp.
	Page no. 7 of the NIB-Notice Inviting Bid, Clause no. 4	
	(Experience Requirement):	
	For General Bidder: Bidder should have cumulative experience of executing contracts of supply of at least 25% of Bid capacity of Solar Street Lighting System to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience equal to 25% of the bid capacity.  For MSME of Jharkhand: Bidder should have cumulative experience of executing contracts of supply of at least 10% of Bid capacity of Solar Street Lighting System to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience equal to 10% of the bid capacity. No experience is required for new MSME unit of Jharkhand which is functional since last two years (Audited account by C.A. has to be submitted).  The copy of work order and certificate indicating its successful execution should be enclosed.	For General Bidder: Bidder should have cumulative experience of executing contracts of supply of at least 25% of Bid capacity in HP of Solar Water Pumping System or 50% of the bid capacity in kWp of Solar Power Plants to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience proportionately.  For MSME of Jharkhand: Bidder should have cumulative experience of executing contracts of supply of at least 10% of Bid capacity in HP of Solar Water Pumping System or 20% of the bid capacity in kWp of Solar Power Plants to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience proportionately. No Govt./SNA/PSU experience is required for new MSME unit of Jharkhand which is functional since last two years (Audited account by C.A. has to be submitted). The new MSME have to submit experience of non-govt. organization/Private sector. However, the new MSMEs of Jharkhand shall be considered for allocation in accordance with para 14 of the Section-3 of the document. This relaxation shall be valid for one time
		only.  The copy of work order and certificate indicating its successful execution should be enclosed.
	Page no. 8 of the NIB-Notice Inviting Bid, Clause no. 5: The offered PV Modules should be as per IEC61215 edition II / BIS 14286 from an NABL or IECQ accredited laboratory standards having test certificates prescribed by MNRE. The valid test certificate with authorization letter of the manufacturer should be uploaded as	Deleted

annexure. The offered PV Modules should be Crystalline Silicon PV Modules as per IEC 61215 Standards or IS14286 and having test certificates prescribed by MNRE. In addition, the modules must conform to IEC 61730 part I – requirement for construction and part – II requirement for testing, for safety qualification or equivalent IS. The offered modules shall be of standard make, specifications of any reputed brand approved by MNRE having test certificates issued from MNRE specified test laboratories. The bidder has to supply the modules of same make, specifications and standard brand for which test reports submitted in the tender otherwise the work order & agreement shall be terminated, the security deposit shall be forfeited and the bidder firms shall be black listed. However, bidder can submit test certificates and authorization letter from three manufacturers and has to submit the authorization from each of the manufacturer along with the test certificate.

#### Page no. 8 of the NIB-Notice Inviting Bid, Clause no. 6:

The bidder must be in possession of valid test report of solar pumps from any of the following test centers:-

- Solar Energy Centre Gwalpahari Gurgaon, Haryana (SEC)
- Electronics Regional Test Laboratory (East)) Bidhan Nagar, Kolkata (ERTL)
- Central Power Research Institute, Bangalore (CPRI).
- Any other test centre approved by MNRE.

The latest test certificate should confirm that Solar Pumps are as per MNRE specifications which are available on MNRE website. The test certificate issued before 1st April 2013 will lead to outright rejection of the BID. Latest test reports issued by SEC/OATCs for Solar Pumps conforming to MNRE/BIS specifications would be considered valid for the tender. All the product should be as per JNNSM/MNRE quidelines applicable for 2014-15. However, the tenderers, who have submitted their products for testing at MNRE approved test centers may participate in this tender on submitting the receipt/acknowledgment thereof, but they shall have to submit the test certificate within one month from the date of opening of price bid/LoI, otherwise bid may be cancelled and may be awarded or distributed among the valid bidders.

The bidder must be in possession of valid test report of Solar Water Pumping System (PV module, Pump, Controller & Inverter) from any of the following test centers:-

- Solar Energy Centre Gwalpahari Gurgaon, Haryana (SEC)
- Electronics Regional Test Laboratory (East)) Bidhan Nagar, Kolkata (ERTL)
- Central Power Research Institute, Bangalore (CPRI).
- Any other test centre approved by MNRE.

The latest test certificate should confirm that Solar Pumps are as per MNRE specifications which are available on MNRE website. The test certificate issued before 1st April 2013 will lead to outright rejection of the BID. Latest test reports issued by SEC/OATCs for Solar Pumps conforming to MNRE/BIS specifications would be considered valid for the tender. All the product should be as per JNNSM/MNRE quidelines applicable for 2014-15 or 2015-16. However, the tenderers, who have submitted their products for testing at MNRE approved test centers may participate in this tender on submitting the receipt/ acknowledgment thereof, but they shall have to submit the test certificate within one month from the date of **opening of price bid**, otherwise bid shall be cancelled and may be awarded or distributed among the next valid bidders. The bidder has to supply the modules of same make, specifications and standard brand for which test reports have been submitted in the tender otherwise the work order & agreement shall be terminated, the security deposit shall be forfeited and the bidder firms shall be black listed. The test report of SPV Pumping System must be on the name of bidder. Test report issued by test centers is not transferable.

### Page no. 9 of the NIB-Notice Inviting Bid, Clause no. 11:

Bidders have to download the bid document from website (www.jharkhandtenders.gov.in) and submit the scan copy of the cost of the bid document to be submitted in shape of demand draft of Rs. 10,000/- (Rupees Ten thousand only) in favour of "Director, JREDA" on any Indian Nationalized Bank/Scheduled Bank, payable at "Ranchi". The tender fee in original must be submitted up to 11.08.2015 by 05.00 PM in the office of JREDA.

Bidders have to download the bid document from website (www.jharkhandtenders.gov.in) and submit the scan copy of the cost of the bid document to be submitted in shape of demand draft of Rs. 10,000/- (Rupees Ten thousand only) in favour of "Director, JREDA" on any Indian Nationalized Bank/Scheduled Bank, payable at "Ranchi". The tender fee in original must be submitted up to 19.08.2015 & 20.08.2015 by 5.00 PM in the office of JREDA.

### Page no. 9 of the NIB-Notice Inviting Bid, Clause no. 14:

Release of numbers of site to successful bidders will be done batc-wise and next lot will be released on the basis of successful execution of the earlier commitment. If any bidder fails to fulfill the earlier commitment, quantity of the bidders may be released to another successful bidders based on their performance to complete the work within stipulated time.

Release of numbers of sites to successful bidders will be done in batches. Next batch will be released on the basis of successful execution of the previous batch. If any bidder fails to fulfill the earlier commitment in the stipulated time, allocated quantity of the bidders may be reduced and the so available quantity shall be allotted to the next successful bidder/s based on their performance to complete the work within stipulated time but within their capacity.

#### Section-4

### Page no. 12 of the NIB-Instruction to Bidders (ITB), Clause no.(c) of 4.4.A -Experience:

For General Bidder: Bidder should have cumulative experience of executing contracts of supply of at least 25% of Bid capacity of Solar Water Pumping System to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of Solar Pumps will require having cumulative work experience equal to 25% of the bid capacity.

For MSME of Jharkhand: Bidder should have cumulative experience of executing contracts of supply of at least 10% of Bid capacity of Solar Water Pumping System to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of Solar Pumps will require having cumulative work experience equal to 10% of the bid capacity. No experience is required for new MSME unit of Jharkhand which is functional since last two years (Audited account by C.A. to be submitted).

The copy of order and certificate indicating its successful execution should be enclosed with the check list as at **Annexure-7**.

For General Bidder: Bidder should have cumulative experience of executing contracts of supply of at least 25% of Bid capacity in HP of Solar Water Pumping System or 50% of the bid capacity in kWp of Solar Power Plants to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience proportionately.

For MSME of Jharkhand: Bidder should have cumulative experience of executing contracts of supply of at least 10% of Bid capacity in HP of Solar Water Pumping System or 20% of the bid capacity in kWp of Solar Power Plants to any SNA / Govt. Organization / PSU in the last seven years ending up to date of advertisement of this tender. The bidder submitting the bid for higher nos. of solar pumps will require having cumulative work experience proportionately. No Govt./SNA/PSU experience is required for new MSME unit of Jharkhand which is functional since last two years (Audited account by C.A. has to be submitted). The new MSME have to submit experience of non-govt. organization/Private sector. However, the new MSMEs of Jharkhand shall be considered for allocation in

		accordance with para 14 of the Section-3 of the document. This relaxation shall be valid for one time only.  The copy of order and certificate indicating its successful execution should be enclosed with the check list as at Annexure-7.
	Page no. 13 of the NIB-Instruction to Bidders (ITB), Clause no.7.1 of 7-Site Visit:  The Bidder, at his own cost, responsibility and risk, is encouraged to visit, examine and familiarise himself with the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for supply & installation of the Works. The costs of visiting the Site shall be at the Bidder's own expense. He may contact the person whose contact details are given in the Notice Inviting Bid.	Deleted.
Section-4	Page no. 15 of the NIB-Instruction to Bidders (ITB), Clause no. 12. 4 (n)-technical details of documents:  Proof of test certificates solar PV module, batteries and latest test certificate should confirm that Solar Water Pumping Systems are as per MNRE specifications which are available on MNRE website. The test certificate issued before 1 <sup>st</sup> April 2013 will lead to outright rejection of the BID	Proof of test certificates must confirm that Solar Water Pumping Systems are as per MNRE specifications which are available on MNRE website. The test certificate issued before 1 <sup>st</sup> April 2013 will lead to outright rejection of the BID
	Page no. 16 of the NIB-Instruction to Bidders (ITB), Clause no. 20.5-bid opening:  Evaluation of the technical bids with respect to bid security, qualification information and other information furnished in Par t I of the bid in pursuant to Clause 12.1 of ITB, shall be taken up and completed and a list will be drawn up of the responsive bids whose financial bids are eligible for consideration.	Evaluation of the technical bids with respect to bid security, qualification information and other information furnished in Par t I of the bid in pursuant to Clause 12.4 of ITB and other necessary information sought in section 1, section 2 & section 3 shall be taken up and completed and a list will be drawn up of the responsive bids whose financial bids are eligible for consideration.

# Page no. 19 of the NIB-Instruction to Bidders (ITB), Clause No. 32-Five Years Comprehensive Maintenance Contract (CMC):

32.2 The Comprehensive Maintenance Contract shall include servicing & replacement guarantee for parts and components (such electronics, Inverter, PV modules and other hardware) of SWPS for five years from the date of installation. PV modules shall be warranted for 25 years. The date of CMC maintenance period shall begin on the date of actual commissioning of SWPS. It is mandatory for the contractor to carry out CMC regularly and submit report to JREDA quarterly. Failure to submit quarterly CMC reports timely shall invite penalty and action.

The Comprehensive Maintenance Contract shall include servicing & replacement guarantee for parts and components (such electronics, Inverter, PV modules and other hardware) of SWPS for five years from the date of installation. PV modules shall be warranted for 25 years. The date of CMC maintenance period shall begin on the first date of next month of actual commissioning of SWPS. It is mandatory for the contractor to carry out CMC regularly and submit report to JREDA within one month of the quarter ending. Failure to submit quarterly CMC reports timely shall invite penalty of Rs. 1000/- per week after the end of the one month of the ending of the quarter. For carrying out effective and smooth maintenance of the SPV Water Pumping System, reasonable number of service centers must be established in the state by the successful bidder before the commissioning of the systems.

### Page no. 19 of the NIB-Instruction to Bidders (ITB), Clause no. 34-Breakdown/Corrective Maintenance:

Whenever a complaint is lodged by the user the bidder shall attend the same immediately. It is clarified that effective CMC means that the bidder should ensure 24 hours smooth working of all the solar street lighting throughout the CMC period and therefore, if any complaint in this level of service is found by the JREDA officials and if the bidder do not attempt the rectification of any such defect within three days of communication of such complaint to the bidders, the bidder will be liable for a penalty of Rs. 50 per day beyond three days of reporting of such complaint.

Whenever a complaint is lodged by the user the bidder shall attend the same immediately. It is clarified that effective CMC means that the bidder should ensure smooth working of all the Solar Water Pumping System throughout the CMC period and therefore, if any complaint in this level of service is found by the JREDA officials and if the bidder do not attempt the rectification of any such defect within seven days of communication of such complaint to the bidders, the bidder will be liable for a penalty of Rs. 100 per day beyond three days of reporting of such complaint.

### Section-5

### Page no. 21 of the NIB-General Terms & Conditions, Clause no. b (iii) of 6.0-Payment Terms & Conditions:

Certificate for minimum seven days of satisfactory performance with photographs of the each installed SSLs with GPS Co-ordinates in Soft copy(CD).

Certificate for minimum seven days of satisfactory performance with photographs and data from the remote monitoring system of the each installed **SWPS** with GPS Coordinates in Hard & Soft copy(CD).

Section-6	Technical Specification	Following may be read in addition in Section-6 (Technical Specification):
		Technical specification will be strictly in accordance with MNRE technical specification for SPV Water Pumping System under JNNSM 2014-15 or 2015-16.
		<ul> <li>GPRS enabled Remote Monitoring System must be provided for the SPV Water Pumping System.</li> </ul>
		<ul> <li>It will be the responsibility of the beneficiary to provide 6" bore well, as per the requirement of the system, in good condition.</li> </ul>

### 2. Annexure-1- of Page no. 29 of the NIB is amended as:

#### Annexure-1

#### Format for Covering Letter

NIB No: 04/JREDA/SPV/SWPS-1400/2015-16

(To be submitted in the official letter head of the company)

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002.

**Sub:** Manufacturing, Supply, Installation, Testing & Commissioning including 5 years Comprehensive Maintenance Contract (CMC) of 1400 nos. of Solar Water Pumping Systems (SWPS) capacity of 1 HP to 5 HP under Solar Photovoltaic Programme on Turnkey basis for irrigation purpose across the state of Jharkhand.

Sir,

We are hereby submitting our offer in full compliance with the terms and condition of the above NIB No. We have submitted the requisite amount of "Earnest Money" in the form of Bank Guarantee, valid for twelve months.

The tender is uploaded on www.jharkhandtenders.gov.in as per the requirement of the website separately Technical Bid & Financial Bid.

(Signature of Authorized Signatory)

Name:

Designation: Company Seal:

### 3. Annexure-8- of Page no. 36 of the NIB is amended as:

Annexure-8

#### **Format for Technical Details**

NIB No: 04/JREDA/SPV/SWPS-1400/2015-16

To,

The Director,
Jharkhand Renewable Energy Development Agency
3rd Floor, S.L.D.C. Building,
Kusai Colony, Doranda,
Ranchi - 834002

Dear Sir,

**Sub:** Manufacturing, Supply, Installation, Testing & Commissioning including 5 years Comprehensive Maintenance Contract (CMC) of 1400 nos. of Solar Water Pumping Systems (SWPS) capacity of 1 HP to 5 HP under Solar Photovoltaic Programme on Turnkey basis for irrigation purpose across the state of Jharkhand.

SL. No.	Particulars		Details with make
1	Proposed no. of SPV modules with Wp and make		
2	Weather resistant HDPE Junction Box (IP65)	:	
3	Nominal Voltage	:	
4	Operating Voltage of Solar Module (nom)	:	
5	Peak Power Voltage (Vmp)	:	
6	Peak Power Current (Imp)	:	
7	Open Circuit Voltage (Voc)	:	
8	Short Circuit Current (Isc)	:	
9	Motor Pump set Model & Make	:	
10	Type of pump	:	
11	Capacity of the Pump (Hp)	:	
12	Make of the Controller/Inverter (VDF)	:	
13	Rating of the Controller/Inverter(VDF)	:	
14	Total Dynamic head (M)	:	
15	Water output (Itrs/day)	:	

(Signature of Authorized Signatory)

Name:

Designation: Company Seal:

### 4. Annexure-12- of Page no. 41 of the NIB is amended as:

Annexure-12

## Certificate of Delivery of Solar Water Pumping System received by the Consignee as Proof of Compliance by the Supplier NIB No: 04/JREDA/SPV/SWPS-1400/2015-16

### प्रमाण–प्रत्र

Consignee/प्राप्त कर्ता का नाम :पदनामःपदनामः
विभाग का नामः
विभाग का पता :
प्रमाणित किया जाता है कि सोलर फोटोवोलटेइक कार्यक्रम के अंतर्गत जेडा द्धारा अनुदानित दर पर कुलअदद् (HP) सोलर वाटर
पम्पिंग सिस्टम प्राप्त किया।
इन सोलर उपस्करों की आपूर्ति मेसर्सइंग स्वारा की गई है।
Consignee/प्राप्त कर्ता का हस्ताक्षर / Seal:
दिनांक :
<u>जेडा प्रतिनिधि का प्रमाण-पत्र</u>
यह प्रमाणित किया जाता है कि उपर इंगित सामानों का निरीक्षण Specification के अनुसार प्राप्त करके उपर इंगित प्राप्त कर्त्ता को सुपूर्द की जा चुकी है।
आपूर्तिकर्त्ता का हस्ताक्षर एवं मुहर
जेडा प्रतिनिधि का हस्ताक्षर एवं मुहर

- 5. Changes made as above in technical specification may be read accordingly for similar changes in related technical specification.
- 6. The Corrigendum shall form the integral part of the tender documents.

Sd/-Director